

FIG.1 PRIOR ART

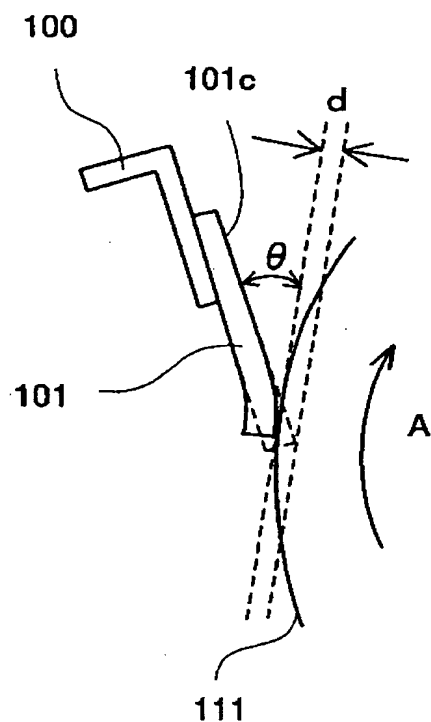


FIG.2 PRIOR ART

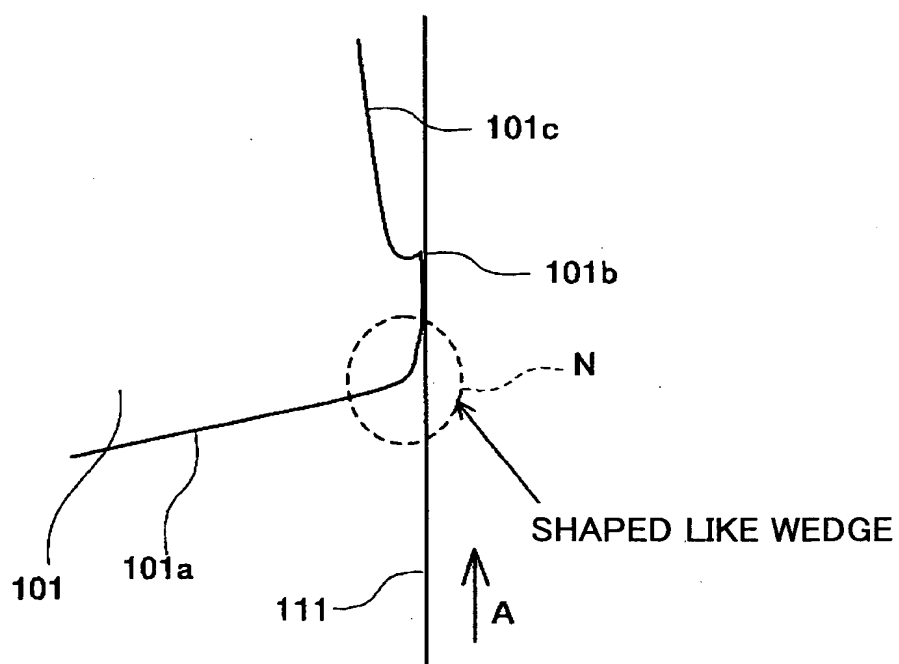


FIG.3 PRIOR ART

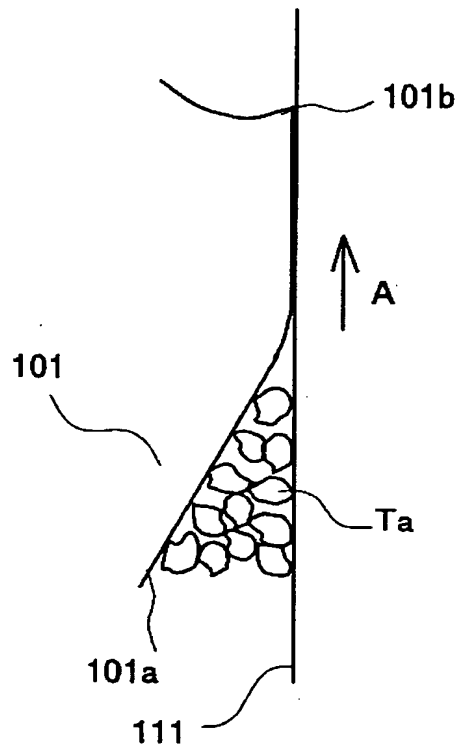


FIG.4 PRIOR ART

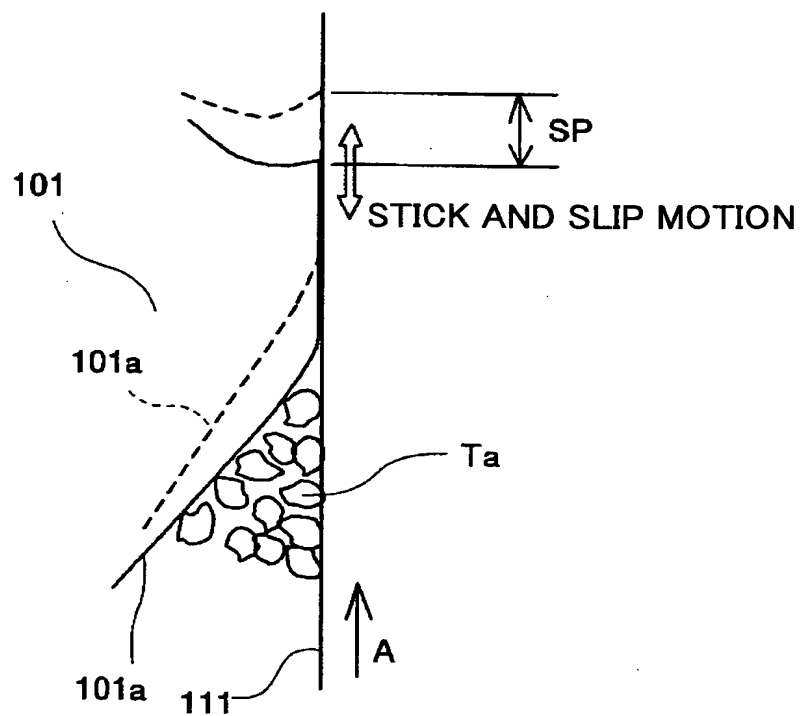


FIG.5 PRIOR ART

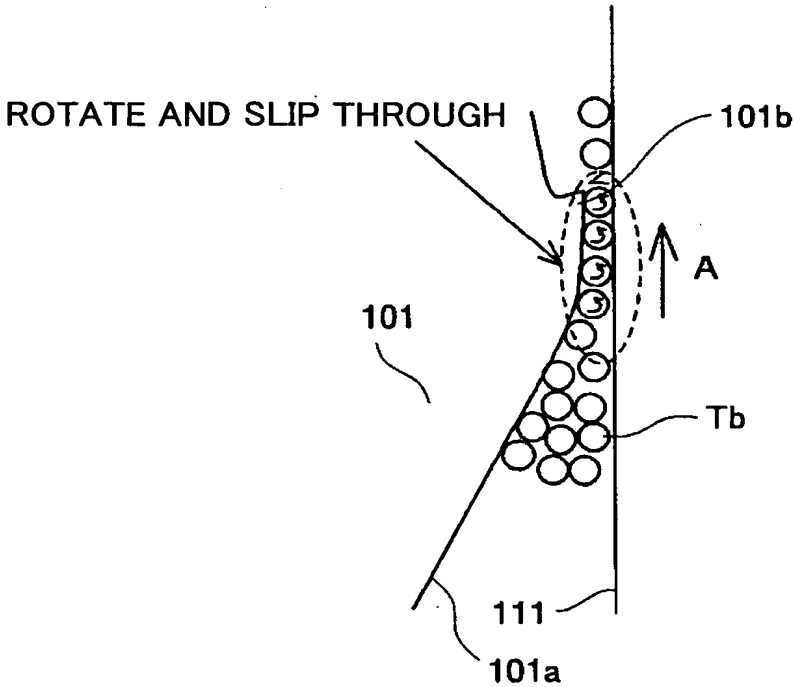


FIG.6 PRIOR ART

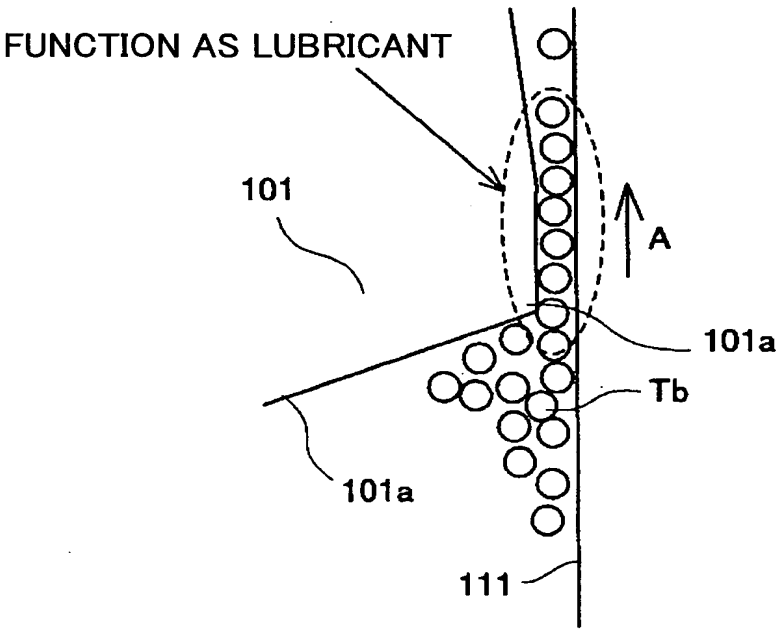


FIG.7

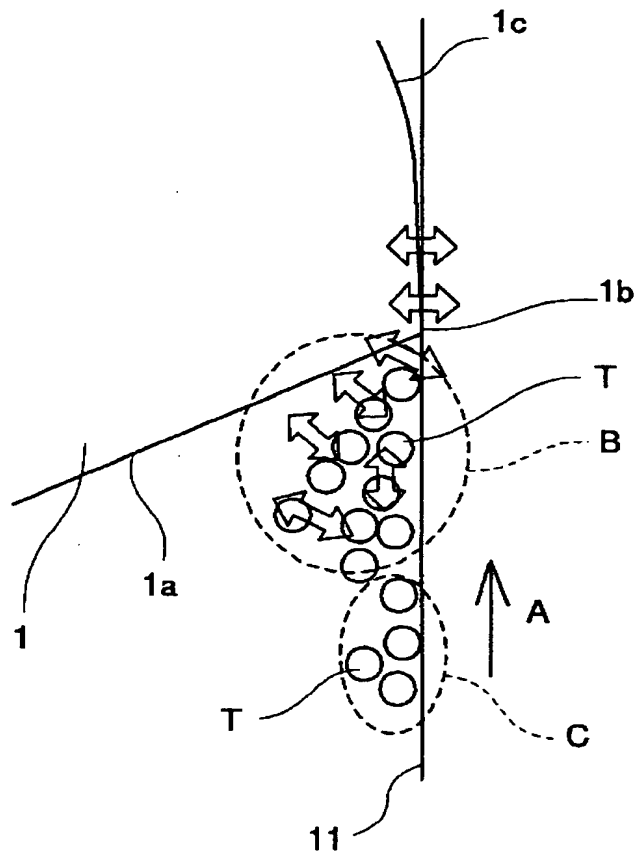


FIG.8

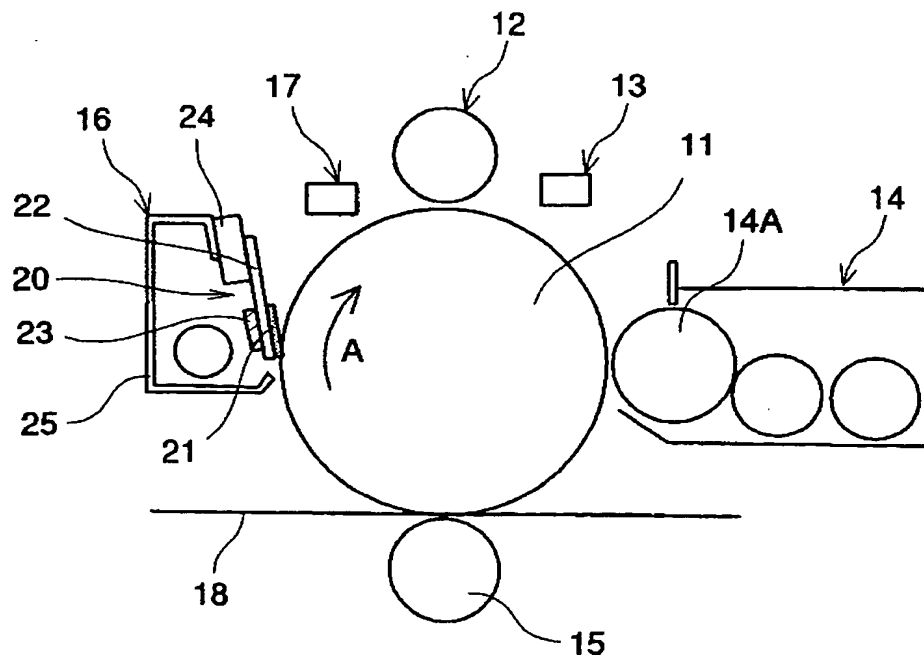


FIG.9

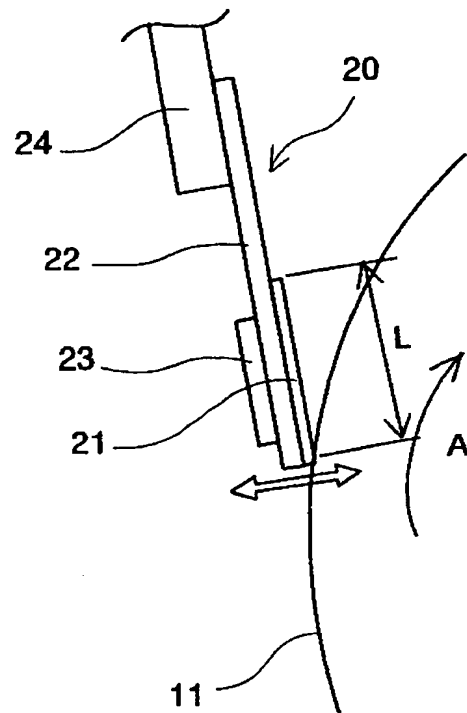


FIG.10

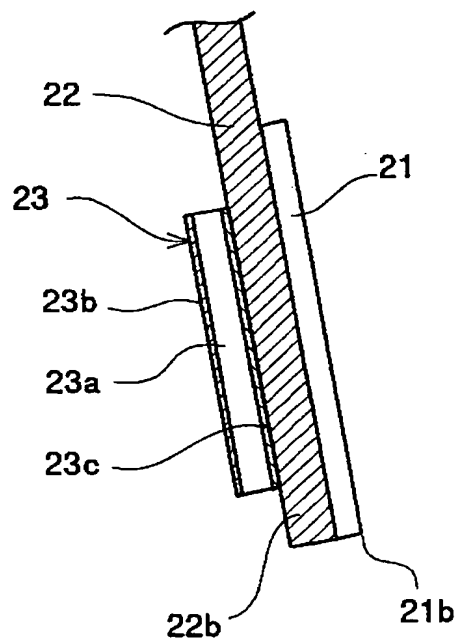


FIG.11

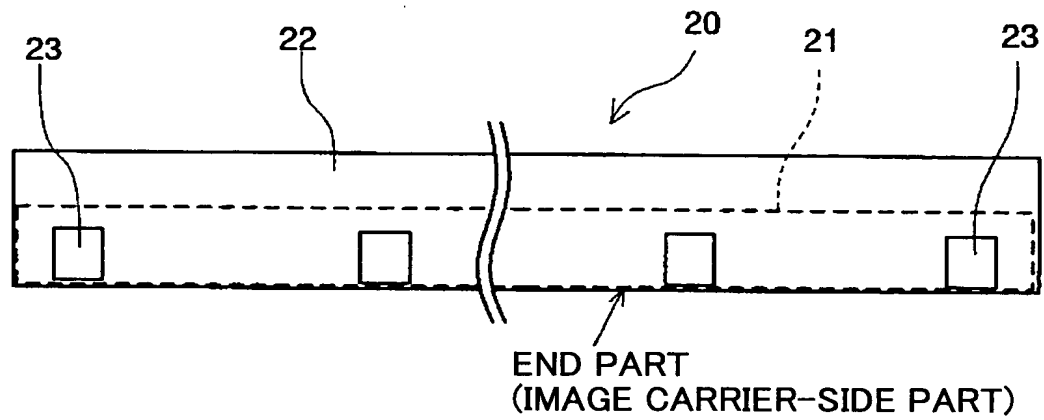


FIG.12

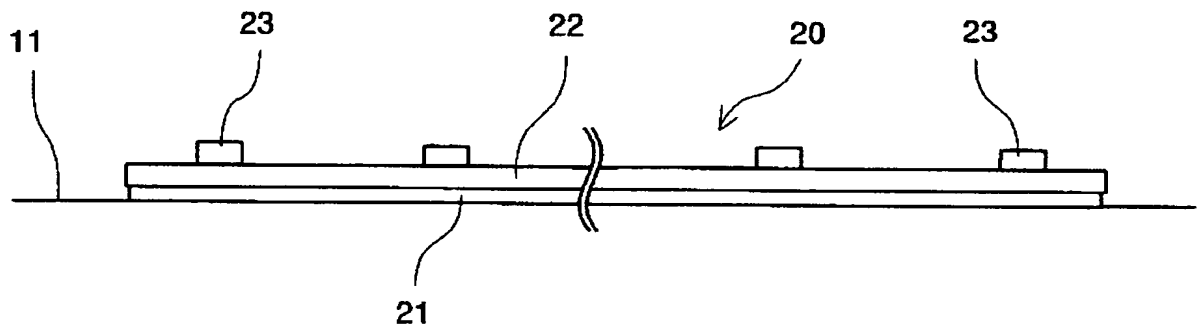


FIG.13

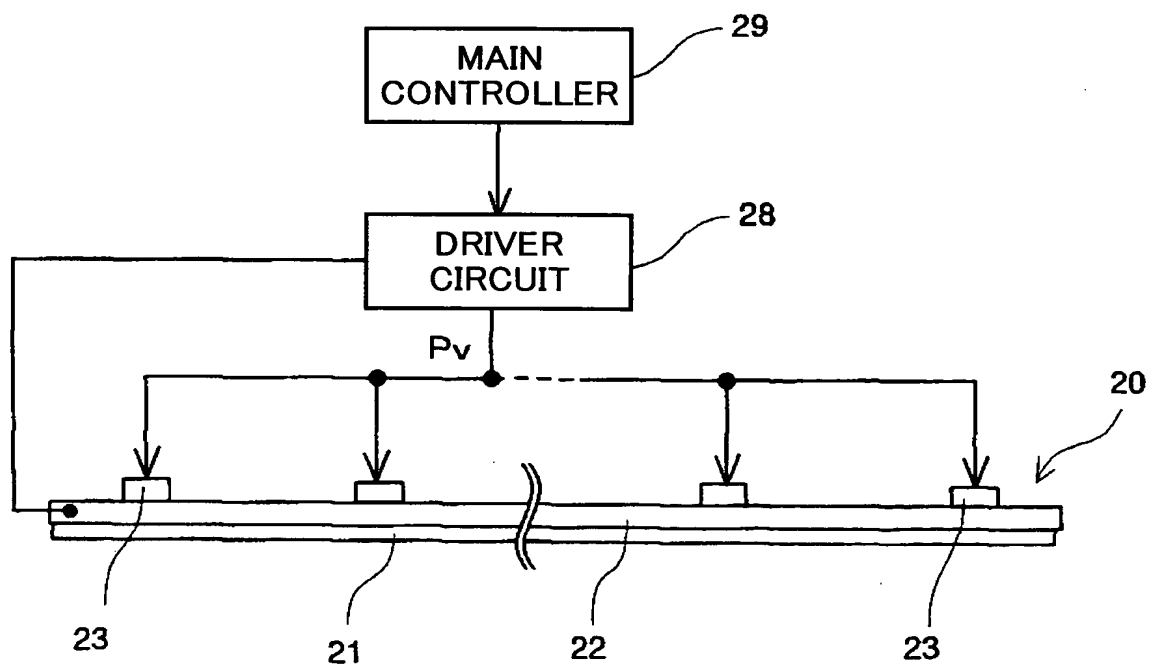
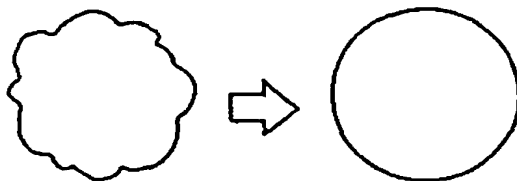


FIG.14



CIRCUMFERENCE : L1 CIRCLE OF AREA S

PARTICLE
PROJECTED AREA : S CIRCUMFERENCE : L2

$$\text{CIRCULARITY} = \frac{L2}{L1}$$

FIG.15

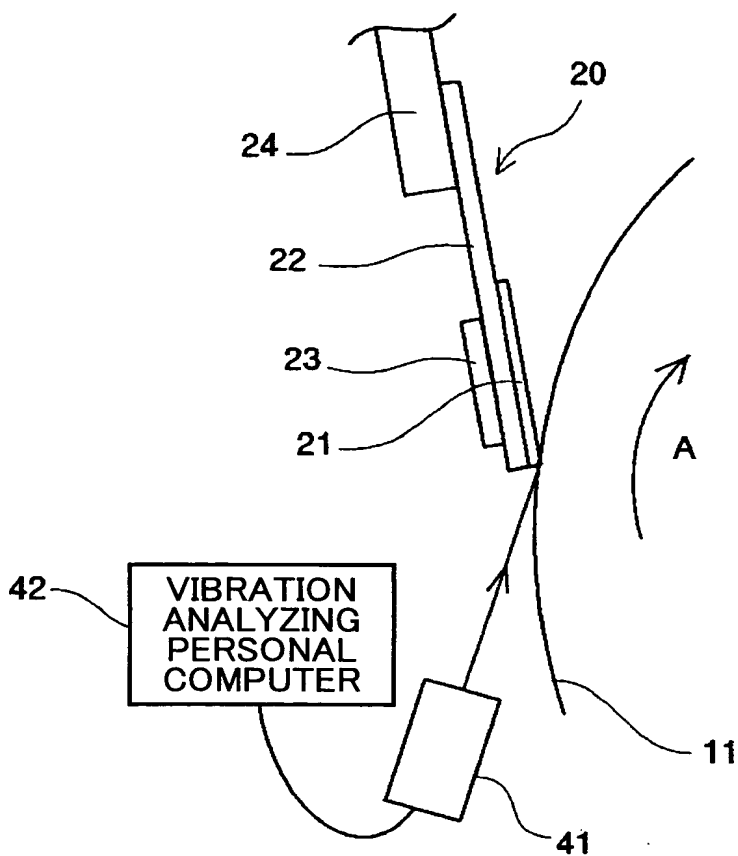


FIG.16

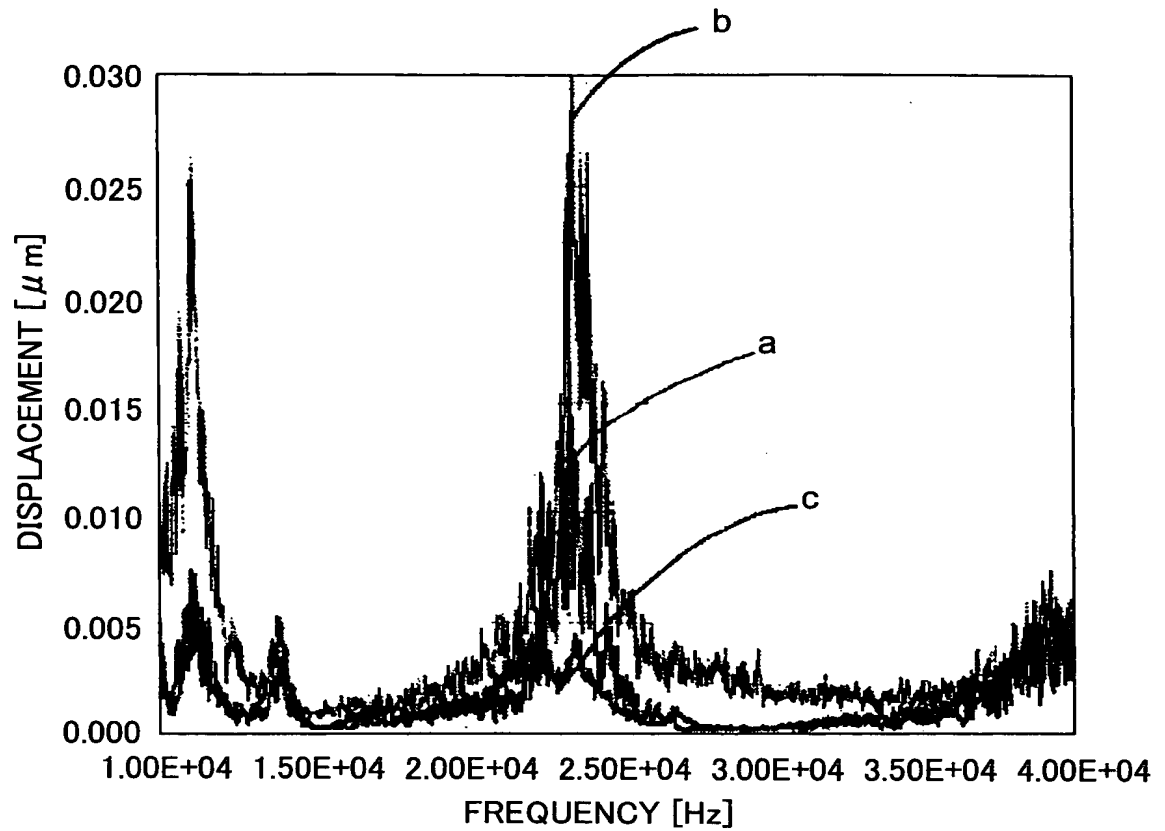


FIG.17

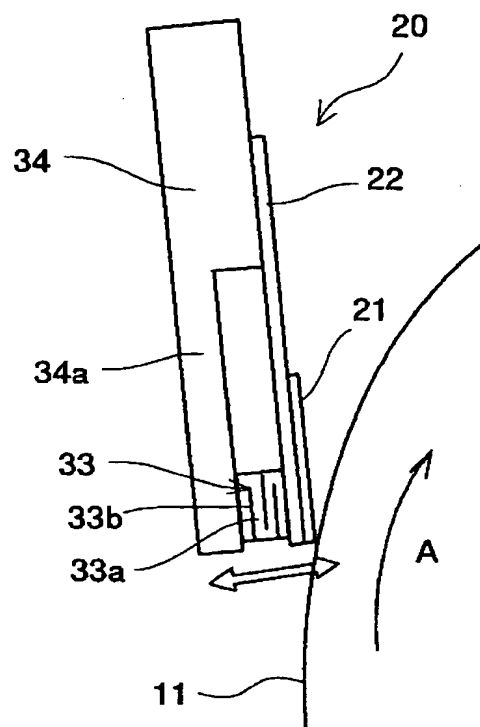


FIG.18

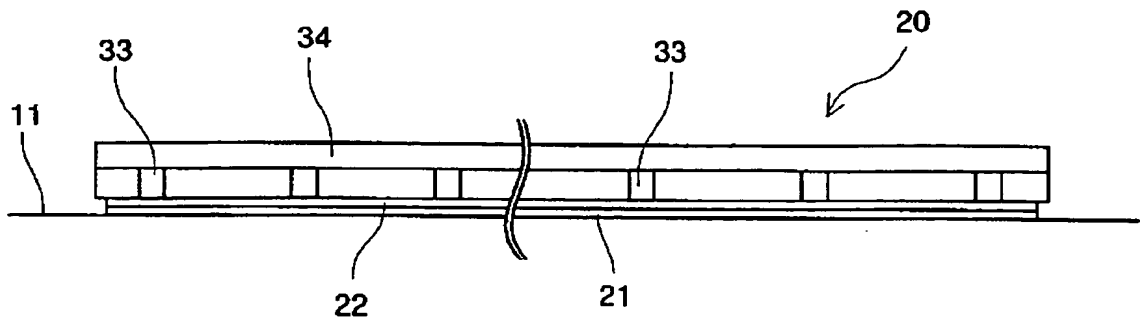


FIG.19

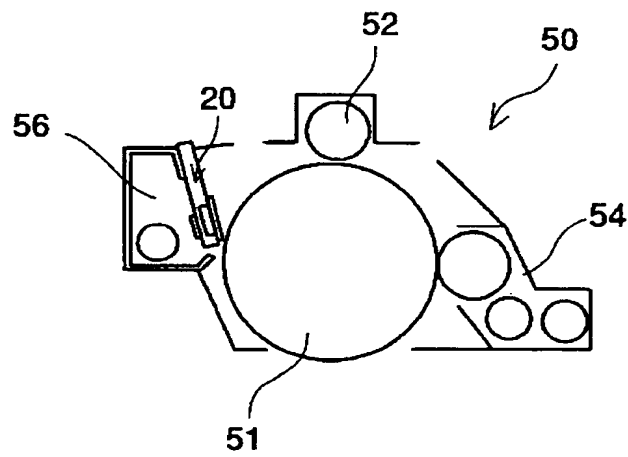


FIG.20

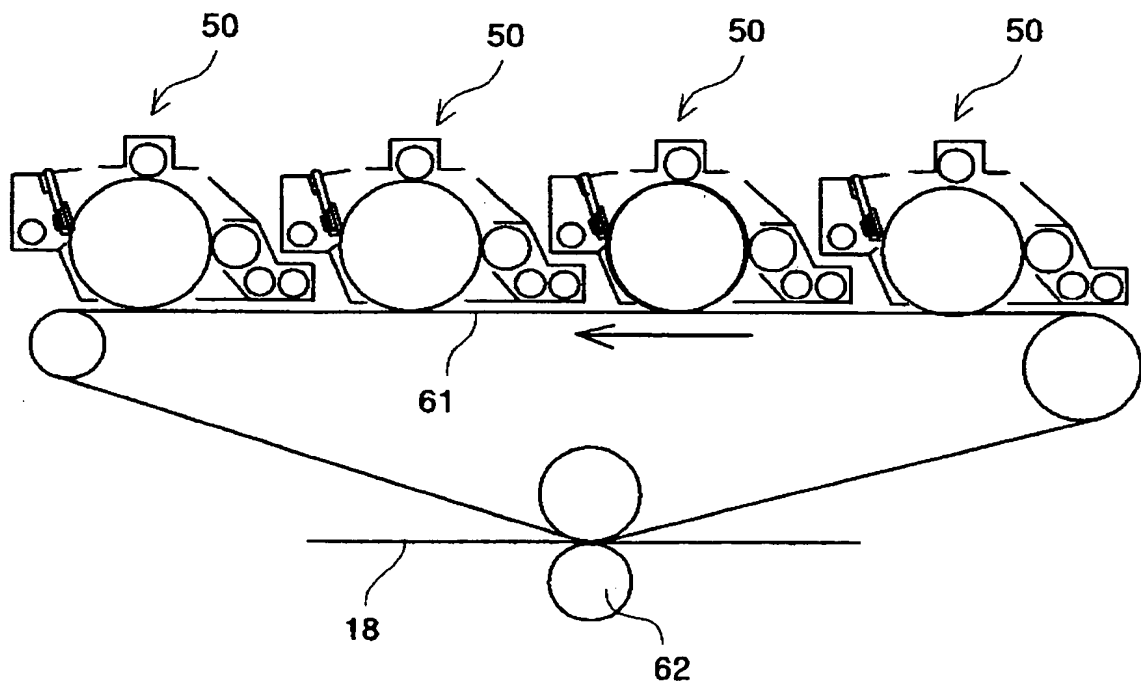


FIG.21

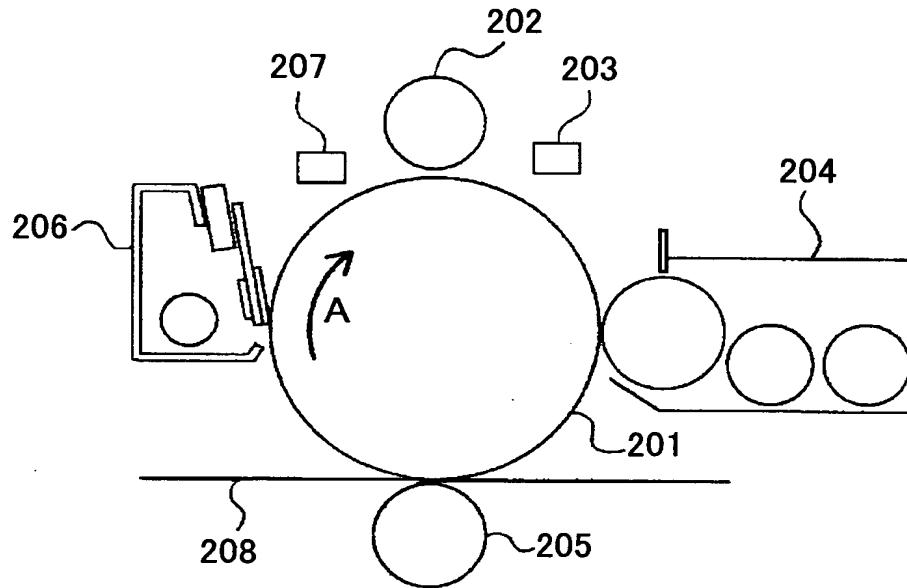


FIG.22

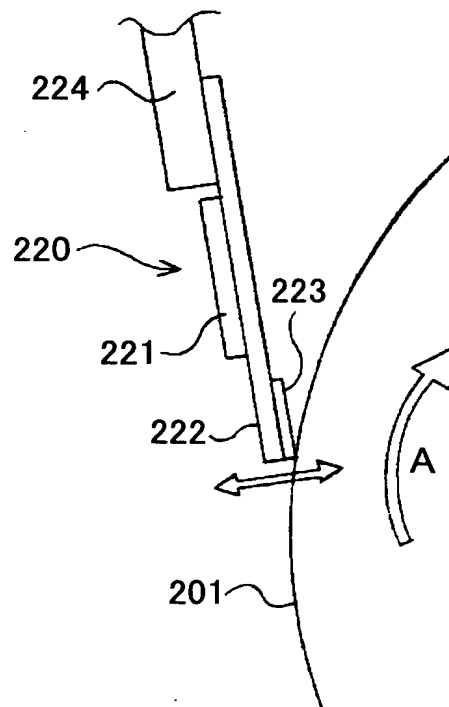


FIG.23A

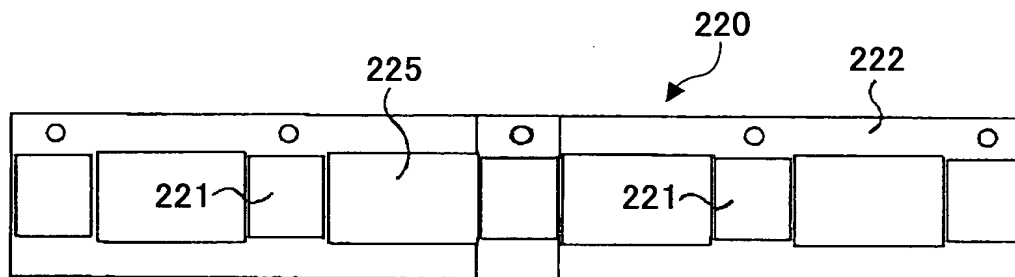


FIG.23B

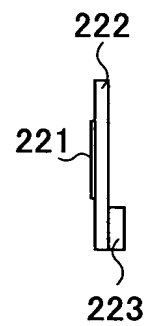


FIG.24A

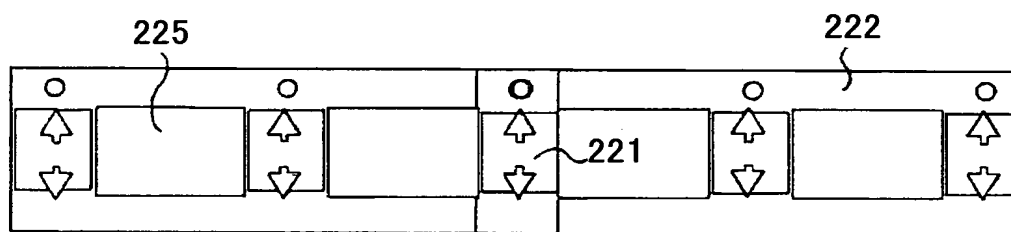


FIG.24B

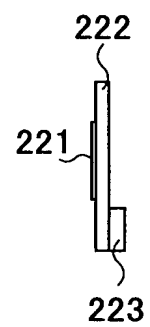


FIG.25

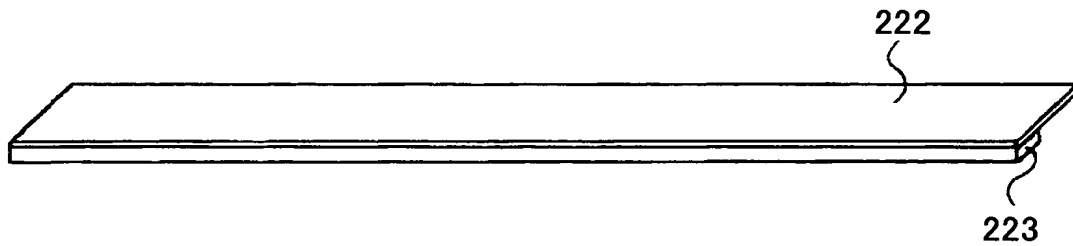


FIG.26A

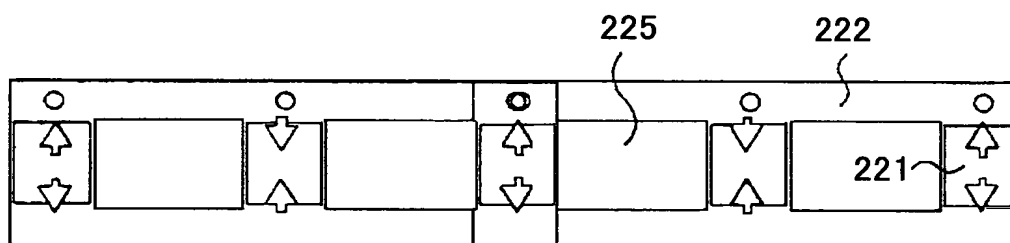


FIG.26B

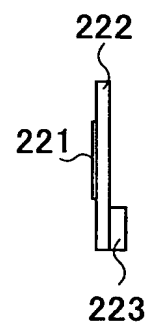


FIG.27

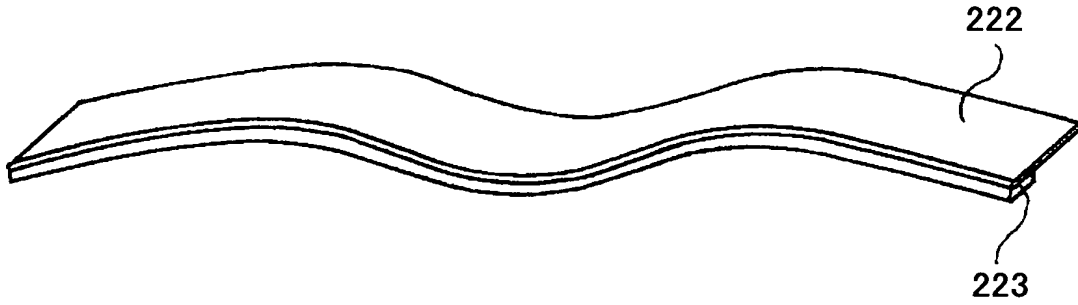


FIG.28

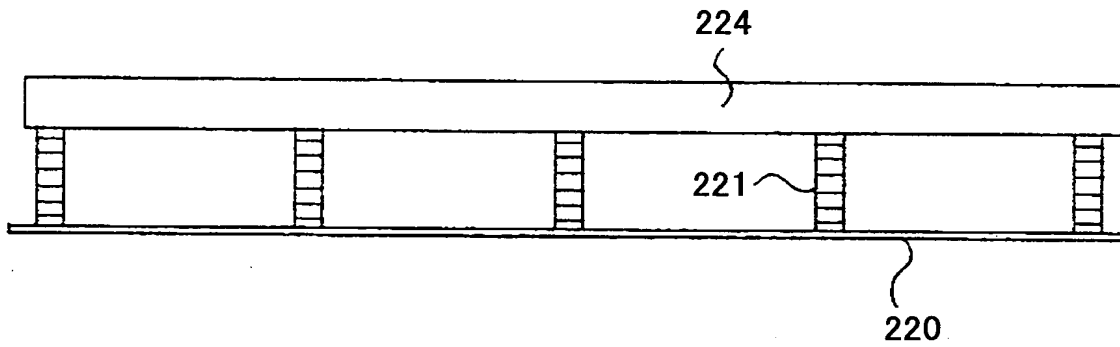


FIG.29

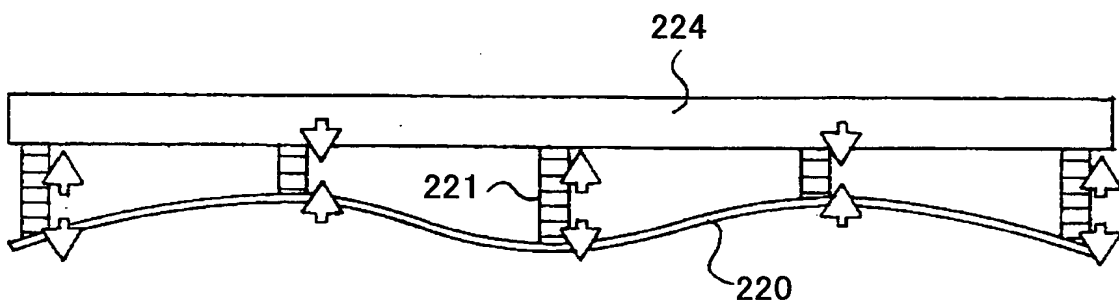


FIG.30

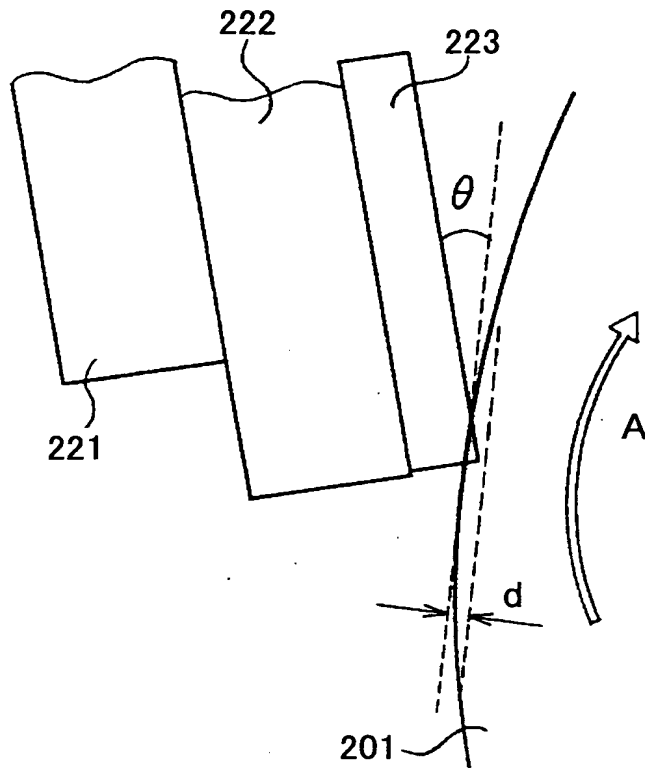


FIG.31A

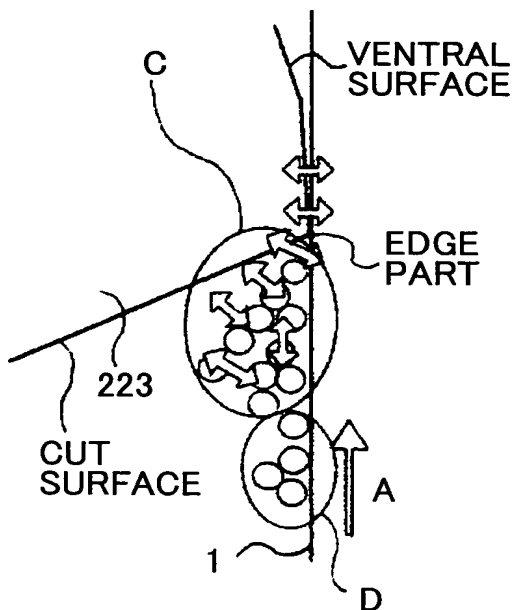


FIG.31B

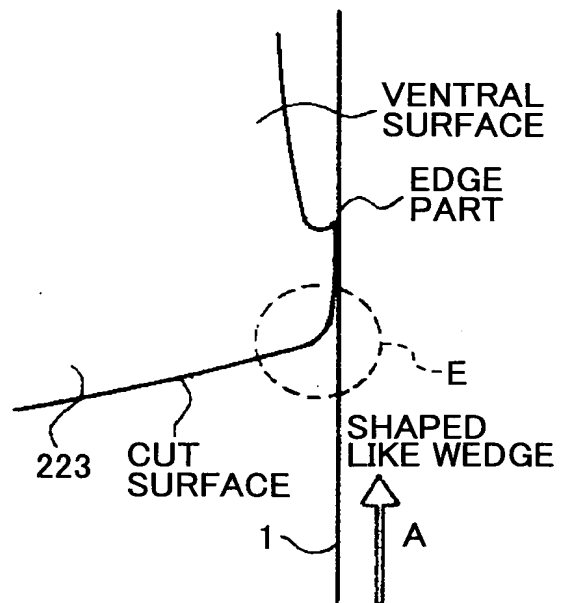


FIG.32

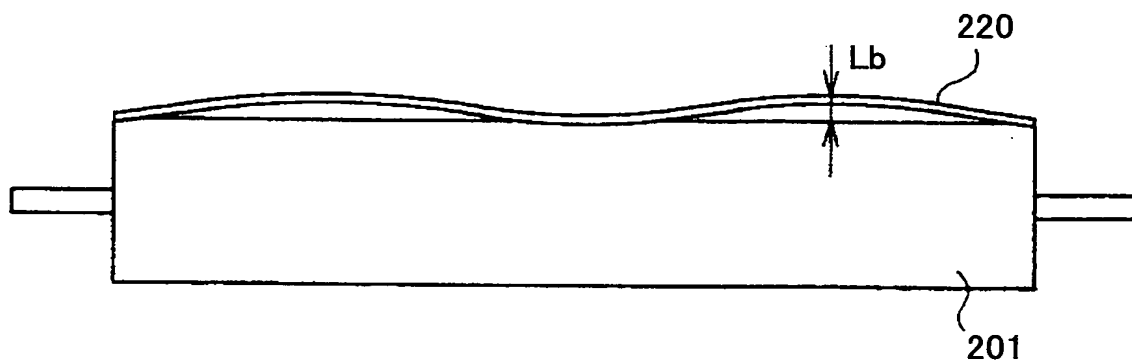


FIG.33

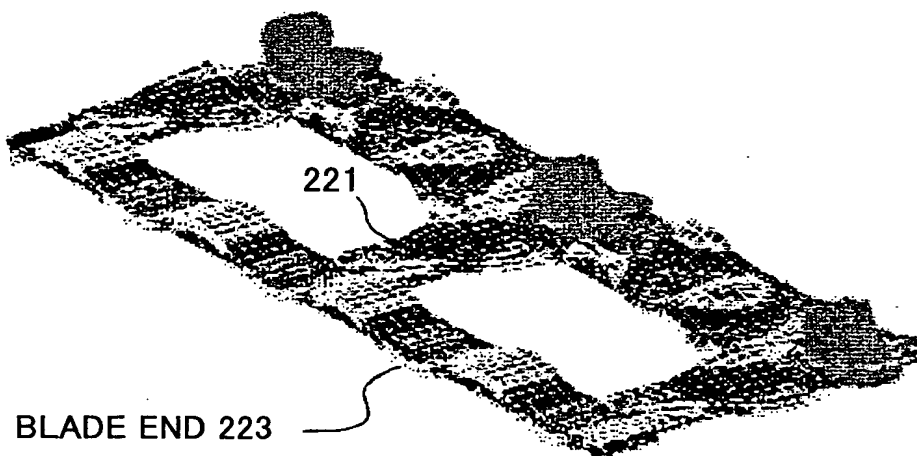


FIG.34

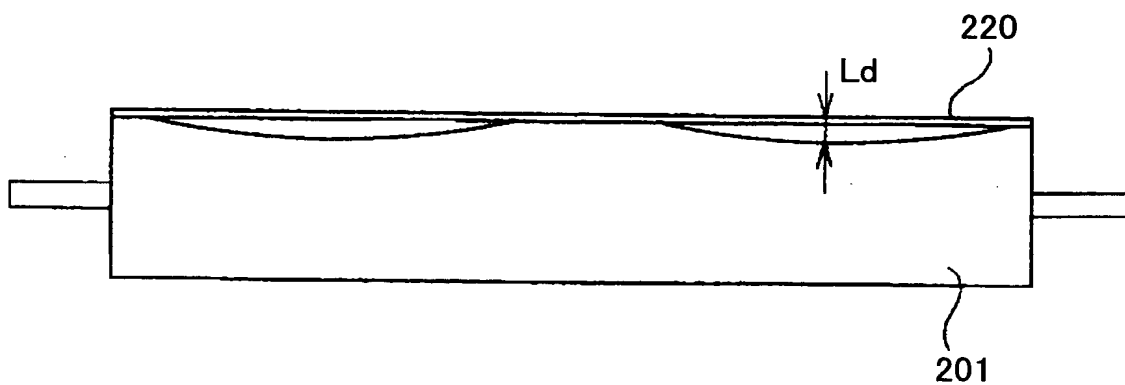


FIG.35

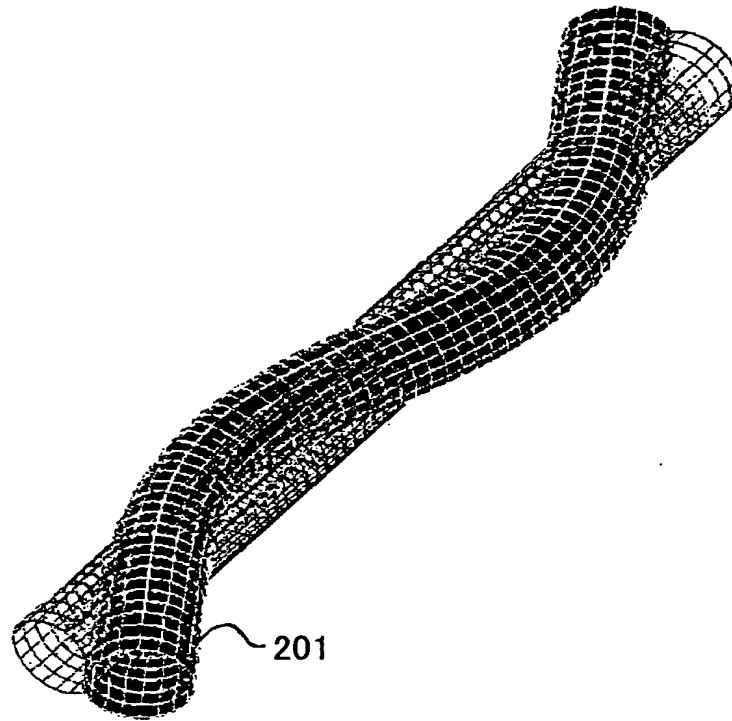


FIG.36

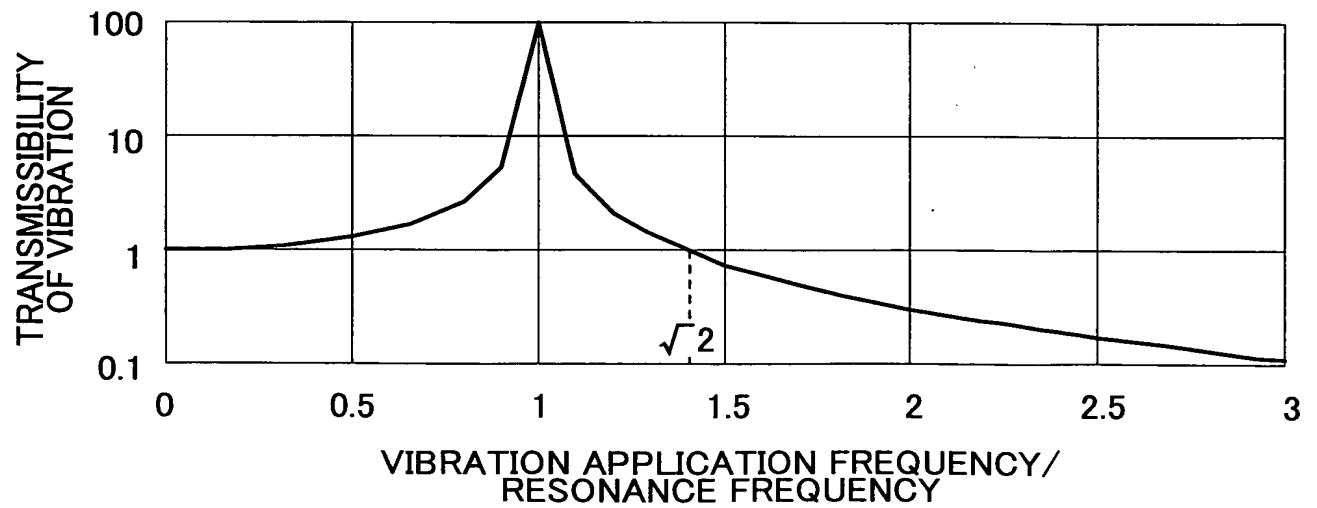


FIG.37A

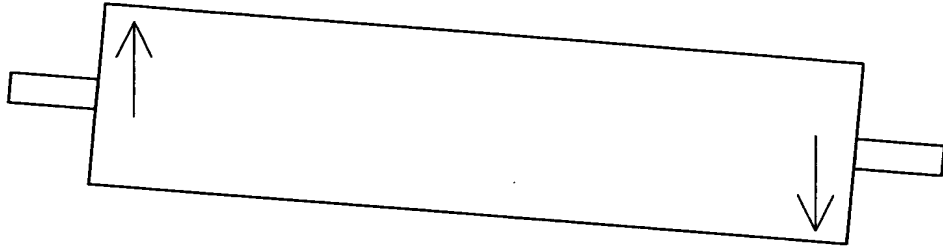


FIG.37B

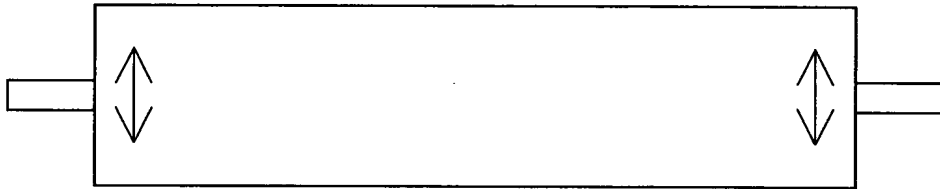


FIG.37C

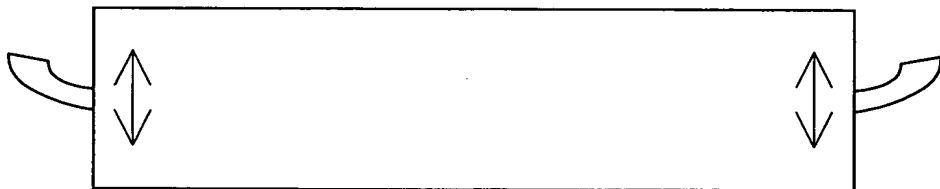


FIG.38

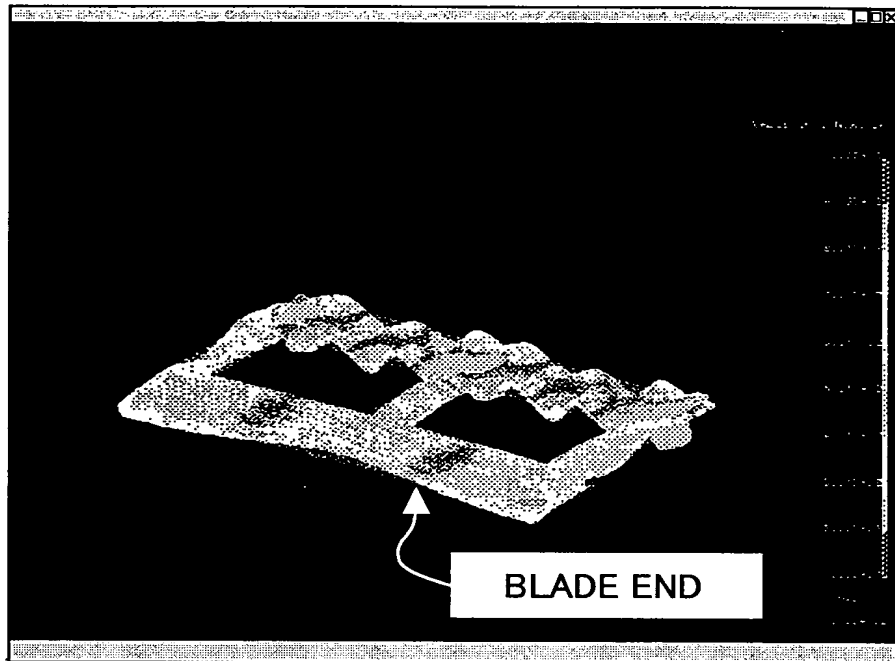


FIG.39

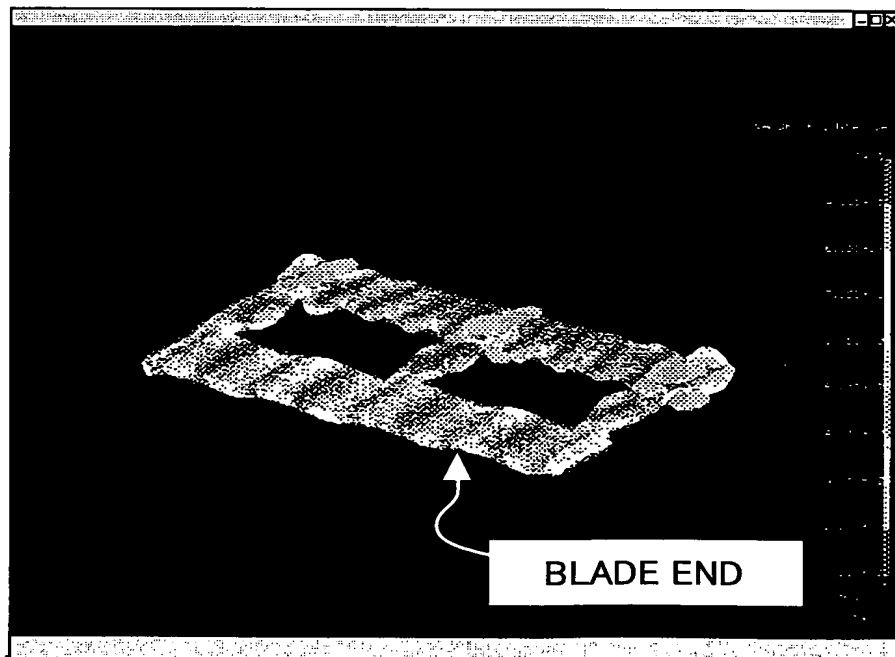


FIG.40

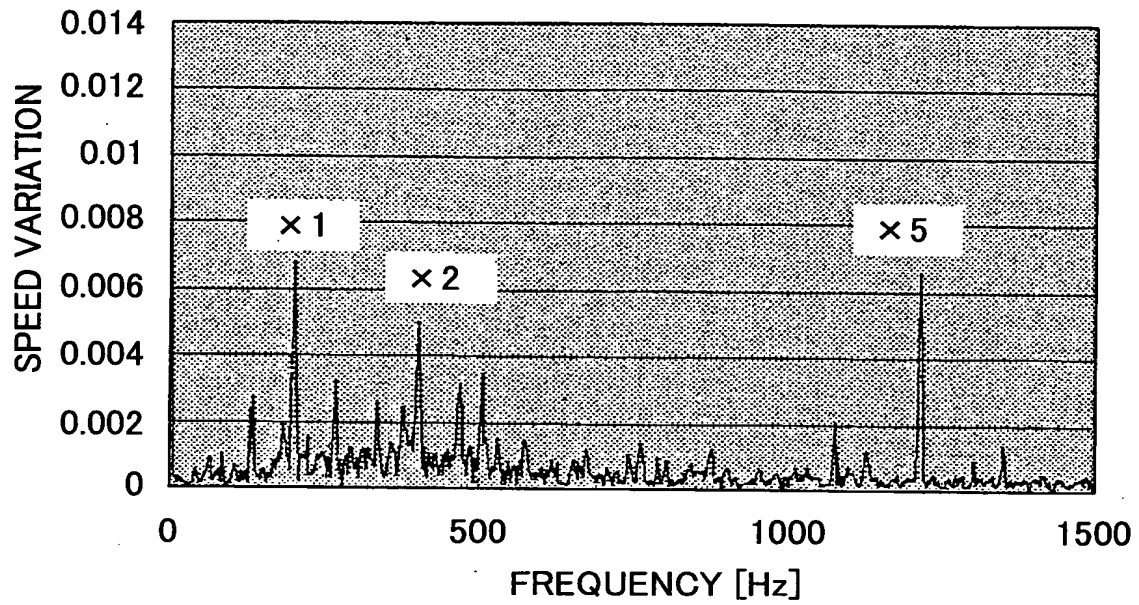


FIG.41

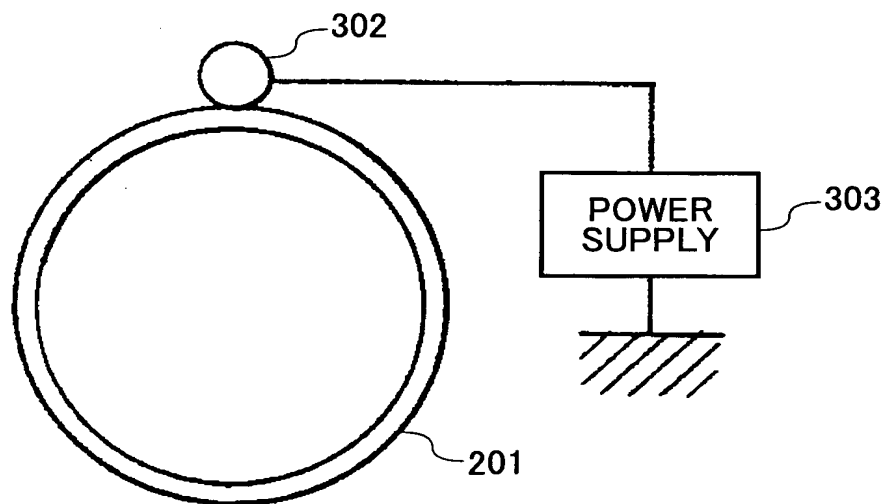


FIG.42

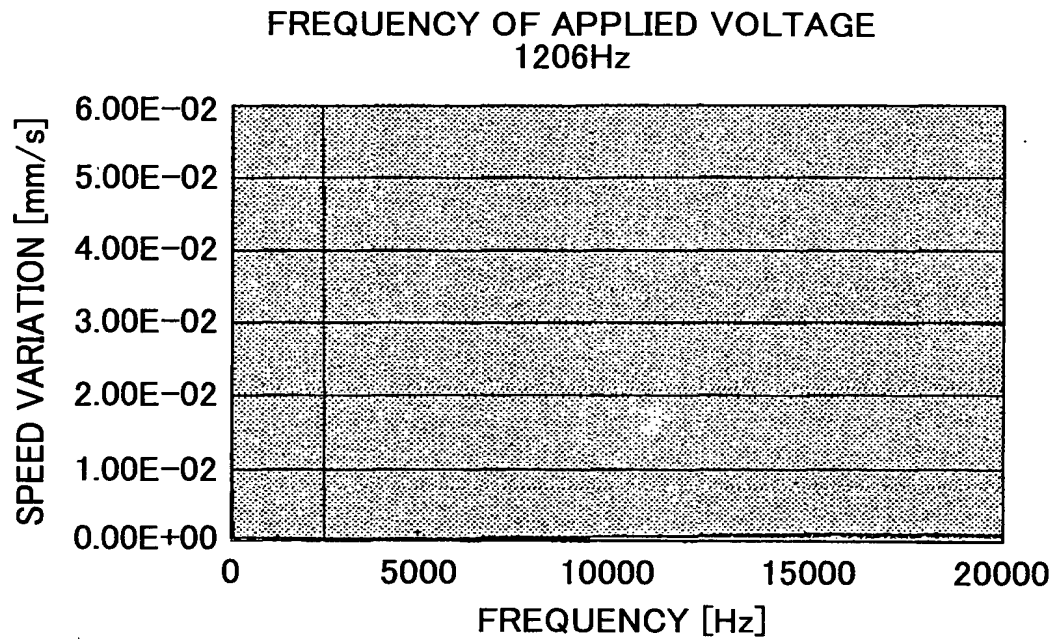


FIG.43

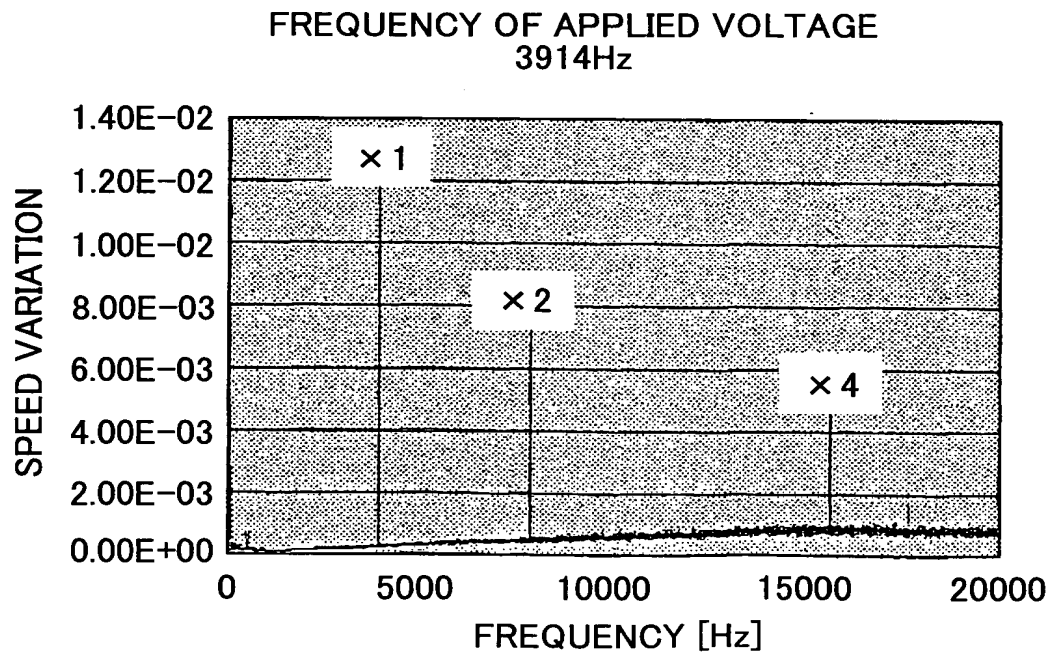


FIG.44

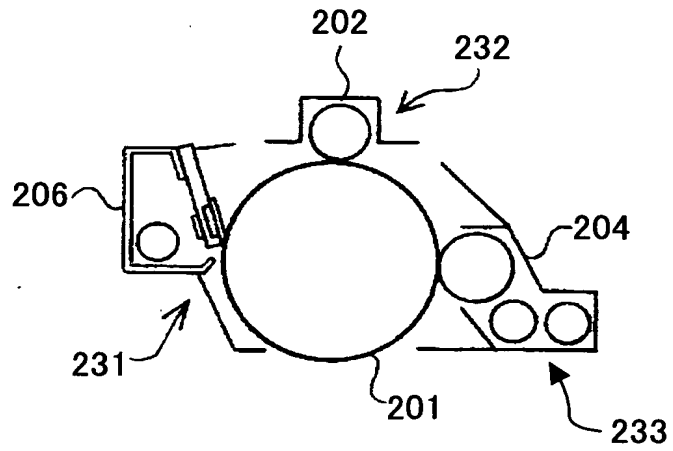


FIG.45

